4.4 Direct Condition Ratings

The condition assessment process is a visual assessment using the **Direct Condition Rating (DCR)** guidelines from BUILDER. Table 4-2 lists the DCR color-coded scale and its corresponding component CI values. DCRs are captured during the field assessments and entered into MAXIMO through the **Meters** tab using one of the methods described in Chapter 3 (i.e. direct entry or flat file upload).

Table 4-2: Direct Condition Rating Guidance

Rating	Rating Definition/Direct Condition Rating (DCR)
Green (+) 100	Brand new or like brand new, free of observable or known damage. Typically within first year of installation. Entire CIMU or CIMU sample is free of observable or known distress (like new).
Green 95	Component fully functional without damage. One-three years from installation date. No CIMU or sample serviceability or reliability reduction. Some, but not all, minor (non-critical) subcomponents may suffer from slight degradation OR few major (critical) subcomponents may suffer from slight degradation.
Green (-) 88	Slight or minimal damage/degradation, but fully functional. Over 50% remaining service life. Slight or no serviceability or reliability reduction overall to the CIMU or sample. Some, but not all, minor (non-critical) subcomponents may suffer from minor degradation OR more than one major (critical) subcomponent may suffer from slight degradation.
Amber (+) 80	Some deterioration of minor components with few or no damage of major components but functioning properly. CIMU or sample serviceability or reliability is degraded, but adequate. Very few major (critical) subcomponents may suffer from moderate deterioration with perhaps a few minor (non-critical) subcomponents suffering from severe deterioration.
Amber 71	Definite deterioration. Still operating but with minor repairs needed. CIMU or sample serviceability or reliability is definitely impaired. Some, but not a majority, major (critical) subcomponents may suffer from moderate deterioration with perhaps many minor (non-critical) subcomponents suffering from severe deterioration.
Amber (-) 60	Moderate damage/degradation but still functional. CIMU or sample has significant serviceability or reliability loss. Most subcomponents may suffer from moderate degradation OR a few major (critical) subcomponents may suffer from severe degradation.
Red (+) 50	Significant damage/degradation with service life nearing end. Project planned to replace or repair component. Significant serviceability or reliability reduction in CIMU or sample. A majority of subcomponents are severely degraded and others may have varying degrees of degradation.
Red 30	Severe damage/degradation with cracks or holes. Almost not operational but can be serviced/repaired. Severe serviceability or reliability reduction in CIMU or sample such that it is barely able to perform. Most subcomponents are severely degraded.
Red (-) 10	Completely broken with replacement necessary. At end of service life and unsalvageable. Safety hazard. Overall CIMU degradation is total. Few, if any, subcomponents are salvageable. Complete loss of CIMU or sample serviceability.